## EAST Search History

| Ref # | Hits | Search Query   | DBs                       | Default<br>Operator | Plurals | Time Stamp          |
|-------|------|--|---------------------------|---------------------|---------|---------------------|
| L1    | 17   | @ad<"20031111" and (umts (universal near2service)) and timer and delay\$3 and demodulat\$3 and control \$3 near pulse and ((omitt \$3 omission) duplicat\$3) and chip\$1           | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16          |
| L2    | 51   | @ad<"20031111" and<br>(umts (universal near2<br>service)) and tim\$3 and<br>delay\$3 and demodulat<br>\$3 and pulse\$1 and<br>((omitt\$3 omission)<br>duplicat\$3) and chip\$1     | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16          |
| L3    | 62   | @ad<"20031111" and<br>tim\$3 near drift and delay<br>\$3 and demodulat\$3 and<br>pulse\$1 and ((omitt\$3<br>omission) duplicat\$3)<br>and chip\$1                                  | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16          |
| L4    | 4    | 3 and "370"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16<br>10:50 |
| L5    | 33   | @ad<"20031111" and tim\$3 near drift and delay \$3 and demodulat\$3 and pulse\$1 and ((omitt\$3 omission) duplicat\$3) and chip\$1 and (synchron \$5 match\$3 align\$3) with pulse | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16          |
| L6    | 179  | @ad<"20031111" and delay\$3 and demodulat \$3 and pulse\$1 with chip \$1 and ((omitt\$3 omission) duplicat\$3) and chip\$1 and (synchron \$5 align\$3) with pulse                  | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16<br>11:00 |
| L7    | 3    | 6 and chip\$1 near3 (omitt<br>\$3 omis\$4)   | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16<br>11:02 |
| L8    | 55   | 6 and "370"/\$.ccls.   | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16<br>11:32 |
| L9    | 50   | 8 and (omitt\$3 omiss\$4)  | US-PGPUB;<br>USPAT; USOCR | OR                  | ON      | 2008/12/16<br>11:33 |

| L10 | 0   | 6 and chip\$1 with (omitt<br>\$3 omis\$4) and chip\$1<br>with dupicat\$3   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>11:37 |
|-----|-----|--|---------------------------|----|------|---------------------|
| L11 | 0   | 6 and chip\$1 with (omitt<br>\$3 omis\$4) and dupicat<br>\$3   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>11:37 |
| L12 | 0   | 6 and chip\$1 with dupicat<br>\$3  | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>11:37 |
| L13 | 0   | 6 and chip\$1 with (omitt<br>\$3 omis\$4) and chip\$1<br>with duplicat\$3  | US-PGPUB;<br>USPAT; USOOR | OR | ON   | 2008/12/16<br>11:37 |
| L14 | 17  | 6 and chip\$1 with duplicat\$3   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>11:38 |
| L15 | 176 | @ad<"20031111" and delay\$3 same demodulat \$3 same chip\$1 and ((omitt\$3 omission) duplicat\$3) and demodulat\$3                   | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>14:58 |
| L16 | 3   | @ad<"20031111" and delay\$3 same demodulat \$3 same chip\$1 same (((omitt\$3 omission) duplicat\$3) and demodulat\$3                 | US-PGPUB;<br>USPAT; USOCR | OR | 00 Z | 2008/12/16<br>14:58 |
| L17 | 12  | @ad<"20031111" and delay\$3 same demodulat \$3 same chip\$1 and (omitt\$3 omission) and demodulat \$3 and chip\$1 and delay \$3      | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>15:05 |
| L18 | 145 | @ad<"20031111" and<br>delay\$3 same demodulat<br>\$3 same chip\$1 and<br>integrat\$3 with<br>demodulat\$3                            | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>16:44 |
| L19 | 9   | @ad<"20031111" and delay\$3 same demodulat \$3 same chip\$1 and integrat\$3 with demodulat\$3 with chip\$1 and pilot                 | US-PGPUB;<br>USPAT; USOCR | OR | ON   | 2008/12/16<br>16:45 |
| L20 | 9   | @ad<"20031111" and delay\$3 same demodulat \$3 same chip\$1 and integrat\$3 with demodulat\$3 with chip\$1 and pilot and integrat\$3 | US-PGPUB;<br>USPAT; USOCR | OR | OS   | 2008/12/16<br>16:45 |

| S1  | 3 | @ad<"20020505" and<br>(headend (head near<br>end)) with measur\$3<br>with signal\$3 near1<br>strength and satellite<br>near2 signal\$3                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | 0N | 2008/12/15<br>16:17 |
|-----|---|---|--|----|----|---------------------|
| S2  | 5 | @ad<"20020505" and<br>(headend (head near<br>end)) and measur\$3 with<br>signal\$3 near1 strength<br>and satellite near2 (signal<br>\$3 broacast beam\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/15<br>16:24 |
| 83  | 2 | "6002422".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/15<br>16:31 |
| S4  | 2 | "6173178".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/15<br>16:32 |
| S5  | 2 | "6219528".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON | 2008/12/15<br>16:40 |
| S6  | 7 | ("5530920"   "5768684"<br>  "5812539"   "5864547"<br>  "5991279"   "6085067"<br>  "6097752").PN.  | US-PGPUB;<br>USPAT; USOOR                | OR | ON | 2008/12/15<br>16:40 |
| S7  | 1 | "6233451".pn.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>16:45 |
| S8  | 1 | "6297845".pn.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>16:53 |
| S9  | 1 | "6594469".pn.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>16:54 |
| S10 | 1 | "20020041328"   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>16:55 |
| S11 | 1 | "6181932".pn.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>17:00 |
| S12 | 1 | "20020066102"   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>17:01 |
| S13 | 1 | "5758260".pn.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>17:02 |
| S14 | 1 | "6704543".pn.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>17:06 |
| S15 | 1 | "20020146979"   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>17:08 |
| S16 | 1 | "4207431".pn.   | US-PGPUB;<br>USPAT; USOCR                | OR | ON | 2008/12/15<br>17:09 |

| S17 | 1  | @ad<"20031111" and (umts (universal near/service)) with (receiver receiv\$3) and timer and delay\$3 and demodulat\$3 and control \$3 near pulse and (omitt \$3 omission) and duplicat \$3 | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2008/12/15<br>18:04 |
|-----|----|---|---------------------------|----|----|---------------------|
| S18 | 33 | @ad<"20031111" and (umts (universal near2service)) and timer and delay\$3 and demodulat\$3 and control \$3 near pulse and ((omitt \$3 omission) duplicat\$3)                              | US PGPUB;<br>USPAT; USOCR | OR | ON | 2008/12/15<br>18:06 |

12/16/08 5:07:38 PM